Index of Claims

| Ap | plica | ition | /Con | trol | No. |
|----|-------|-------|------|------|-----|
|    |       |       |      |      |     |

10/629,414

Examiner

Leonard S. Liang

Applicant(s)/Patent under Reexamination

MCNALLY ET AL.

Art Unit

2853

Rejected Allowed

(Through numeral) Cancelled Restricted

Non-Elected N Interference

Appeal Α 0 Objected

|              |  |                |          |          |              |          |          |  | _            |                 |
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| Cla          | Date   |                |          |          |              |          |          |  |              |                 |
| Final        | Original   | 10/28/05       |          |          |              |          |          |  |              |                 |
|              | 1  | N              |          |          |              |          |          |  |              |                 |
|              | 1<br>2<br>3<br>4<br>5<br>6   | Ň              |          |          |              |          |          |  |              |                 |
|              | 3  | M              |          |          |              |          |          |  |              |                 |
|              | 4  | M              |          |          |              |          |          |  |              |                 |
|              | 5  | N              |          |          |              |          |          |  |              | _               |
|              | 6  | Įν             | _        |          |              |          |          |  | Ш            | _               |
|              | 7<br>8<br>9  | N              | <u> </u> | _        | _            |          |          |  |              | _               |
|              | 8  | M              |          | _        |              |          |          | _  |              | _               |
|              | 9  | N              | <u> </u> | _        |              |          |          |  |              | _               |
|              | 10   | 7              | ļ        | -        |              |          |          |  | $\dashv$     |                 |
| <u> </u>     | 17   | N              | -        | -        | $\vdash$     |          | $\vdash$ | -  |              | ᅴ               |
|              | 12   | N,             | $\vdash$ | $\vdash$ | Ŀ            | -        |          | $\vdash$   | Ë            | $\dashv$        |
|              | 14   | 12             | $\vdash$ |          | -            | -        | $\vdash$ |  | $\vdash$     | $\dashv$        |
|              | 15   | Kt             | $\vdash$ |          | -            | -        |          |  | $\vdash$     | $\dashv$        |
|              | 16   | Xi             | ┝        | ⊢        | ⊢            |          | -        | _  | H            | -               |
|              | 17   | <del> </del>   | $\vdash$ | ┢        | ┢            | ┝        | -        |  | Н            | $\dashv$        |
|              | 18   | 1              | -        | ┢        | $\vdash$     | -        | -        |  | Н            | $\dashv$        |
|              | 19   | N              | Н        | $\vdash$ | -            | -        |          | Н  | Н            | $\dashv$        |
|              | 20   | 11             |          | ┢        |              |          | $\vdash$ | ┢  | Н            | $\dashv$        |
| _            | 21   | 7              | _        | $\vdash$ |              | $\vdash$ |          | Г  |              | $\sqcap$        |
|              | 22   | 汀              | Г        | Т        |              |          |          |  |              |                 |
|              | 23   | Ň              | П        |          |              | Π        |          |  |              |                 |
|              | 24   | N              |          |          |              |          |          |  |              |                 |
|              | 25   | V              |          |          |              |          |          | Ĺ  |              |                 |
|              | 26   | V              |          |          |              |          |          | L  | $oxed{oxed}$ |                 |
| L            | 27   | V.             | <u> </u> |          |              |          |          |  | _            |                 |
| <u></u>      | 28   | M              | 丄        |          | _            | L        | <u></u>  | _  | L            |                 |
|              | 29   | 19             | _        |          | <u> </u>     | <u> </u> |          | _  |              | Ш               |
|              | 30   | N,             | _        | ┞        |              | _        | _        | _  | <u> </u>     | $\dashv$        |
|              | 31   | Ň              | ┡        | ├-       | <del> </del> | ⊢        | _        | ⊢  | L            | _               |
|              | 10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23<br>24<br>25<br>26<br>27<br>28<br>29<br>30<br>31<br>32<br>33 | 17             | $\vdash$ | -        | $\vdash$     | ⊢        | $\vdash$ | -  | $\vdash$     | $\vdash$        |
| <del> </del> | 33   | N              | -        | ╌        | $\vdash$     | ├-       | ⊢        | -  | $\vdash$     | $\vdash \vdash$ |
| $\vdash$     | 34<br>35   | 띴              | $\vdash$ | +-       | -            | ╁─       | $\vdash$ | $\vdash$   | $\vdash$     | Н               |
| -            | 36   | <del>IXY</del> | $\vdash$ | $\vdash$ | $\vdash$     | $\vdash$ | $\vdash$ | <del>                                     </del> | 1            | Н               |
| -            | 37   | M              | $\vdash$ | +-       | $\vdash$     | t        | t        | 1  | <del> </del> | Н               |
|              | 37<br>38   | 1              | $\vdash$ | 1        | $\vdash$     | $\vdash$ |          | $\vdash$   | $\vdash$     | Н               |
|              | 39   | M              | 1        |          | <b>†</b>     | $\vdash$ | <u>├</u> | $\vdash$   | $I^-$        | $\vdash$        |
|              | 40   | M              | Т        |          | $\vdash$     |          |          |  |              | П               |
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|              | 47   | N              | _        | _        | 1_           |          | ــــ     | $\vdash$   | <del> </del> | Ш               |
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|              | 49   | 17             | ↓_       | 1        | ⊢            | ــــ     | ↓_       | <b>!</b>   | ـ            | -               |
| 1            | 50   | M              | 1        | 1        | 1            | l        | 1        | 1  | 1            | 1               |

| Cla      | Claim          |  | Date     |            |              |                |              |                                     |              |                 |  |
|----------|----------------|--|----------|------------|--------------|----------------|--------------|-------------------------------------|--------------|-----------------|--|
| Final    |                | 59/87/01   |          |            |              |                |              |                                     |              |                 |  |
|          |                | 5  |          | Ш          | _            |                | _            |                                     | _            |                 |  |
|          | 51<br>52<br>53 | V<br>V   |          | $\Box$     | _            |                | _            |                                     |              | $\Box$          |  |
| $\vdash$ | 52             | ν,   | _        | _          | _            | _              |              | _                                   |              |                 |  |
|          | 53             | ν,   | <u> </u> | _          |              | _              |              |                                     | ·            |                 |  |
| $\vdash$ | 54<br>55       | <b>V</b>   | <u> </u> | _          | _            | _              | _            |                                     |              |                 |  |
|          | 25             | ν_   | _        | -          | -            | $\dashv$       | Н            |                                     |              |                 |  |
| $\vdash$ | 56             | <u> </u>   |          | $\vdash$   |              | _              | -            |                                     | -            |                 |  |
|          | 57<br>58       | _  |          | Н          |              | _              |              |                                     |              | $\dashv$        |  |
| -        | 59             |  | -        |            | -            |                |              | _                                   | -            | Н               |  |
|          | 60             | -  | $\vdash$ | H          | -            | _              |              | _                                   |              | Н               |  |
|          | 61             |  | -        | -          | -            |                | $\vdash$     |                                     |              | Н               |  |
| $\vdash$ | 62             | -  | ┝        | H          |              |                | -            | _                                   | _            | $\dashv$        |  |
|          | 62<br>63       | ┢  | -        | $\vdash$   |              |                | _            | _                                   | _            | $\dashv$        |  |
| $\vdash$ | 64             | <del> </del> -                                   | $\vdash$ | -          | _            | _              | _            | _                                   | _            | $\vdash$        |  |
| $\vdash$ | 65             | ┢  | $\vdash$ | -          | _            | -              |              |                                     | -            | $\vdash$        |  |
| $\vdash$ | 66             | <del>                                     </del> | $\vdash$ | -          | $\vdash$     | -              | H            | -                                   | -            | $\vdash \vdash$ |  |
|          | 67             | $\vdash$   | $\vdash$ |            | -            | _              | $\vdash$     |                                     | $\vdash$     | Н               |  |
|          | 68             | -  | $\vdash$ |            | _            | _              |              |                                     |              | $\vdash$        |  |
|          | 69             | <del>                                     </del> |          | -          | _            | _              | Н            |                                     |              | H               |  |
|          | 70             | $\vdash$   | _        |            | -            | _              | $\vdash$     |                                     |              | Н               |  |
| <b>-</b> | 71             | <del> </del>                                     | $\vdash$ | ╁          | $\vdash$     | _              |              | _                                   |              | М               |  |
|          | 72             | $\vdash$   | <u> </u> | $\vdash$   | _            |                |              |                                     | $\vdash$     | Н               |  |
|          | 73             | T  |          |            |              | $\vdash$       |              |                                     | _            | П               |  |
|          | 73<br>74       | $\vdash$   |          |            |              |                | Г            |                                     |              |                 |  |
|          | 75             | ┢  | T        | T          |              |                |              |                                     |              |                 |  |
|          | 76             | T  | $\vdash$ | $\vdash$   |              |                |              |                                     |              | П               |  |
|          | 77             | T  | Г        | Г          |              |                |              |                                     |              | П               |  |
|          | 78             |  |          |            |              |                | _            | $\Box$                              |              | П               |  |
|          | 79             | П  |          |            |              |                |              |                                     |              |                 |  |
|          | 80             |  |          |            |              |                |              |                                     |              |                 |  |
|          | 81             |  |          |            |              |                |              |                                     |              |                 |  |
|          | 82             |  |          |            |              |                |              |                                     |              |                 |  |
|          | 83             |  |          |            |              | Ĺ              |              |                                     | <u> </u>     |                 |  |
|          | 84             | L  | _        | <u> </u>   | _            | L              |              | _                                   | _            | Ш               |  |
|          | 85             |  | $\perp$  | <u> </u>   | _            | <u> </u>       |              | <u>L</u>                            | <u> </u>     | Ш               |  |
|          | 86             | 1  | <u> </u> | _          | _            | _              | _            | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | <u> </u>     | Щ               |  |
| ·        | 87             | ــــ   | <u> </u> | ļ          | <u> </u>     | ļ              | <u> </u>     | <u> </u>                            | <b>!</b>     | Ш               |  |
|          | 88             | <u> </u>   | $\vdash$ | <u> </u>   | _            | <u> </u>       | <u> </u>     | ┞_                                  | -            | Ш               |  |
|          | 89             | <b> </b> _                                       | <u> </u> | 1          | <u> </u>     | <u> </u>       | <u> </u>     | _                                   | _            |                 |  |
|          | 90             | ↓_   | <b>L</b> | -          |              | ╙              | ↓_           | _                                   | <u> </u>     |                 |  |
| <u> </u> | 91             | ╀-   | ļ.       | <u> </u>   |              | $\vdash$       | <u> </u>     | <u> </u>                            | <u> </u>     | <u> </u>        |  |
|          | 92             | ↓  | ـ        |            | <u> </u>     | _              | ├-           | _                                   |              | _               |  |
| <u> </u> | 93             | $\vdash$   | ┞-       | ļ          | <u> </u>     | $\vdash$       | ⊢            | <u> </u>                            | <u> </u> _   | _               |  |
| L        | 94             |  | ╀        | <b>!</b> — | <u> </u>     | ₽-             | <del> </del> | <u> </u>                            | ⊢            | -               |  |
| <u> </u> | 95             | $\vdash$   | ₩        | ╀-         | $\vdash$     | ├_             | ₩            | -                                   |              | ├-              |  |
| <u> </u> | 96             | ╄  | ╄        | ₩          | ├-           | ⊢              | ļ            | <u> </u>                            | $\vdash$     | ├               |  |
|          | 97             | $\vdash$   | ╀-       | ╀          | <del> </del> | ├-             | -            | $\vdash$                            | $\vdash$     | $\vdash$        |  |
| -        | 98             |  | -        | $\vdash$   | ├            | <del> </del> — | $\vdash$     | ├-                                  | <del> </del> | $\vdash$        |  |
|          | 99             | ↓_   | 1        |            | <u> </u>     | ⊢              | ـ            | <b>⊢</b>                            | <del> </del> | -               |  |

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| Claim        |                          | Date   |                |          |                |  |              |  |          |              |
|--------------|--------------------------|--|----------------|----------|----------------|--|--------------|--|----------|--------------|
|              |                          |  |                |          |                |  |              |  |          |              |
| ਭ            | Original                 |  |                |          |                |  |              |  |          |              |
| Final        | <u>G</u>                 |  |                |          |                |  |              |  |          |              |
| -            | 0                        |  |                |          |                |  |              |  |          |              |
|              | 101                      |  |                | $\vdash$ |                | -  | _            |  | -        |              |
|              | 107                      | _  | _              | -        |                | Н  |              | _  | -        |              |
| -            | 102                      | _  | _              | $\vdash$ |                |  |              |  | Н        | -            |
|              | 101<br>102<br>103<br>104 |  | <u> </u>       | -        | _              |  |              | _  |          | $\dashv$     |
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|              | 105<br>106<br>107        | _  | _              | ļ        |                |  |              |  |          | -            |
|              | 106                      |  | <u> </u>       | L.       | _              |  |              |  |          |              |
|              | 107                      |  | <u> </u>       |          |                |  |              |  |          |              |
|              | 108<br>109               |  | _              | L        | L              |  |              |  | _        |              |
|              | 109                      |  | _              | _        |                |  |              |  |          |              |
|              | 110                      |  |                |          |                |  |              |  |          |              |
|              | 111                      |  |                |          |                |  |              |  |          |              |
|              | 112<br>113               |  |                |          |                |  |              |  |          |              |
|              | 113                      | Γ.   |                |          |                |  |              |  |          |              |
|              | 114                      |  |                | П        | Г              |  |              |  |          | П            |
| <b>-</b>     | 114<br>115               | $\vdash$   | $\vdash$       | T        | $\vdash$       |  |              | $\vdash$   | Г        | Н            |
|              | 116<br>117<br>118        | <del>                                     </del> | 1              | H        | <del> </del>   | <del>-</del>                                     |              |  |          | Н            |
|              | 117                      | -  | 一              | ┢        | ╁              | $\vdash$   |              | _  | $\vdash$ | Н            |
|              | 110                      | ⊢  | ┢┈             | $\vdash$ | $\vdash$       | ├  | ⊢            | -  | $\vdash$ |              |
| -            | 119                      | -  | ├-             | -        | -              | ⊢  | ⊢            | ⊢  | ├        | Н            |
|              | 119                      | _  | ┝              | -        | ⊢              | -  | <del> </del> | _  | ⊢        | $\vdash$     |
|              | 120                      | _  | ┞-             | ┞        | ┡              | _  | -            | <u> </u>   | <u> </u> | $\vdash$     |
|              | 121<br>122<br>123        | L.   | _              | _        | <u> </u>       | L  | _            |  | _        |              |
|              | 122                      | _  | ┖              | 丄        | 匚              | _  | <u> </u>     | 匚  | <u> </u> | Ш            |
| <u></u>      | 123                      | L  | L              | <u> </u> | L              | L  | _            | _  | Ц,       | Щ            |
| Ĺ            | 124<br>125<br>126        |  |                |          |                |  |              | _  |          | Ш            |
|              | 125                      | Ĺ  |                |          |                |  |              |  |          | $oxed{oxed}$ |
|              | 126                      |  |                |          |                |  |              |  |          |              |
|              | 127                      | Π  |                | Г        |                | ١.   |              |  |          |              |
|              | 127<br>128<br>129<br>130 |  |                |          |                |  |              | П  |          | П            |
|              | 129                      | <del>                                     </del> | 1              | 一        | $\vdash$       |  |              |  | T        | П            |
| <b></b>      | 130                      |  | H              | t        | ┪              | ╁  | -            | -  | $\vdash$ | Н            |
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| <u> </u>     | 132                      | $\vdash$   | +-             | $\vdash$ | -              | <del>                                     </del> | ┢            | -  | ╁        | Н            |
| <del> </del> | 132                      | ┢  | ╁╌             | ╁╌       | -              | ╁╴   | ├            | H  | -        | Н            |
| <b>—</b>     | 132<br>133<br>134        | $\vdash$   | ╀              | $\vdash$ | +-             | $\vdash$   | <del> </del> | $\vdash$   |          | $\vdash$     |
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| <u></u>      | 136                      | ┞-   | -              | ╀        | <del>  -</del> | <b>↓</b>   | <u> </u>     | ₩  | -        | $\sqcup$     |
| <u> </u>     | 137                      | ↓_   | ┞-             | ↓_       | _              | _  | _            | ļ_   | ⊢        | Ш            |
| L            | 138<br>139               | 1_   | ↓_             | 1_       | _              | _  | $\vdash$     | <u> </u>   | <u> </u> | $\sqcup$     |
|              | 139                      | L  |                | L        | 1_             | L  |              | _  | _        | $oxed{oxed}$ |
|              | 1 140                    | L  | L              |          |                | Ŀ  |              | L  | L        |              |
|              | 141                      | $\Gamma$   |                |          |                |  | $\Gamma$     | L  |          |              |
|              | 142                      | Π  |                | T        | Т              | 1  |              |  |          |              |
|              | 143                      | 1  | T              | T        | 1              | T  | T            |  | 1        | T            |
|              | 144                      | $\vdash$   | T              | T        | 1              | T  | 1            | <del>                                     </del> | $t^-$    | $\vdash$     |
| -            | 145                      | $\vdash$   | +-             | T        | T              | †  | T            | ╁┈   | t        | 一            |
| -            | 146                      | H  | ╁              | ╁╌       | +              | 1  | 1            | $\vdash$   | $\vdash$ | <del> </del> |
| $\vdash$     | 147                      | ╁  | +              | +        | +              | +-   | +            | +  | +        | +-           |
| <u></u>      |                          | +-   | ╀              | ╂        | ╁              | +  | +            | +-   | ┼-       | -            |
| -            | 148                      | $\vdash$   | +-             | +-       | +-             | -  | $\vdash$     | +  | +        | <del> </del> |
| -            | 149                      | ╀  | ╀              | +-       | ┼              | ╀  | ├            | ╀  | $\vdash$ |              |
| L            | 150                      | 丄  | 丄              |          | 1_             | <u>L</u>   | <u>L</u>     | 1_   | 丄        | 1            |